

Listing of Claims:

Claim 1 (Currently amended): An apparatus for displaying registered information using embedded data, comprising:

an image capture device for capturing an first image of a substrate having first visible data and embedded data embodied thereon;

a decoder for decoding the embedded data to develop registration information;

a device for retrieving second information from a storage location identified by the registration information; and

a display for displaying a second image including second visible data representing the second information; ~~on the substrate. the second image being positioned relative to the first image based on the registration information such that an observer sees the second visible data of the second image spatially related to the first visible data of the first image.~~

Claim 2 (Currently amended): A method for displaying registered information using embedded data, comprising:

capturing an first image of a substrate having first visible data and embedded data embodied thereon;

decoding the embedded data to develop registration information;

retrieving second information from a storage location identified by the registration information; and

displaying a second image including second visible data representing the second information; the second image being positioned relative to the first image based on the registration information such that an observer sees the second visible data of the second image spatially related to the first visible data of the first image ~~retrieved from a storage location identified by the decoded embedded data on the substrate.~~

Claim 3 (Previously added): The apparatus of claim 1, wherein the ~~embedded data is~~ registration information includes a location on the substrate.

Claim 4 (Previously added): The apparatus of claim 1, wherein the ~~embedded data is~~ registration information includes an orientation of the substrate.

Claim 5 (Previously added): The method of claim 2, wherein the decoding step further comprises decoding the embedded data to identify a location on the substrate.

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amp.*
Claim 6 (Previously added): The method of claim 2, wherein the decoding step further comprises decoding the embedded data to identify an orientation of the substrate.

Claim 7 (New): The apparatus of claim 1 wherein the display includes an optical device positioned relative to the substrate to enable an observer to view the first image on the substrate through the optical device; the display displaying the second image in the optical device in order to spatially relate the second visible data in the second image to the first visible data in the first image.

Claim 8 (New): The apparatus of claim 7 wherein the optical device is a lens.

Claim 9 (New): The apparatus of claim 7 wherein the optical device is a semitransparent mirror.

Claim 10 (New): The apparatus of claim 1 wherein the first image having first visible data and the second image including second visible data are projected onto a projection surface such that an observer sees a composite image of the first and

second visible data formed by the second image overlaid and registered with the first image.

Claim 11 (New): The method of claim 1 wherein the second image is the same size as the first image.

Claim 12 (New): The method of claim 1 wherein the second image is larger than the first image

Claim 13 (New): A method for displaying registered information using embedded data, comprising:

capturing a first image of a substrate having first visible data and embedded data embodied thereon;

decoding the embedded data to develop registration information; and

displaying a second image including second visible data; the second image being positioned relative to the first image based on the registration information such that an observer sees the second visible data of the second image spatially related to the first visible data of the first image.

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